

Product Name: Myostatin Mouse Monoclonal Antibody**Catalog #: AMM80711**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	42.7kDa

Antigen Information

Gene Name	Myostatin
Alternative Names	Myostatin; GDF8; MSTN
Gene ID	2660.0
SwissProt ID	O14793
Immunogen	Purified recombinant fragment of Myostatin expressed in E. Coli.

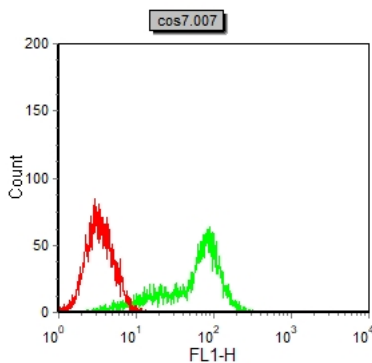
Background

The protein is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic

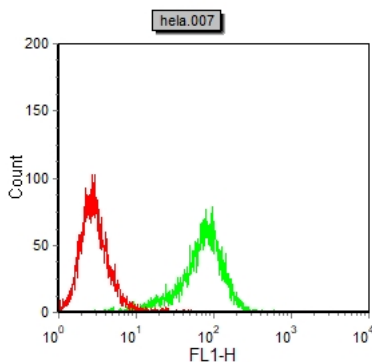
and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth.

Research Area

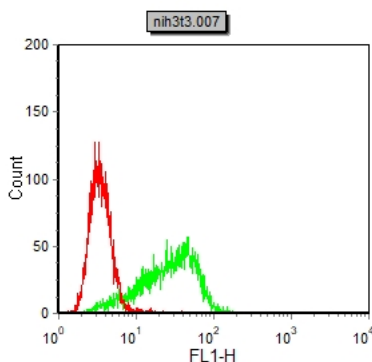
Image Data



Flow cytometric analysis of COS7 cells using Myostatin mouse mAb (green) and negative control (red).



Flow cytometric analysis of hela cells using Myostatin mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH3T3 cells using Myostatin mouse mAb (green) and negative control (red).